



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Jin-Meng Ho et al.

RECEIVED

Docket No.: 2000-0397

APR 14 2004

Application No.: 09/617,083

Technology Center 2600

Filing Date: 07/14/2000

Examiner Name: Steven Blount

Group Art Unit: 2661

Title: Virtual Streams for QoS-Driven Wireless LANS

COMMISSIONER FOR PATENTS

P.O. BOX 1450

ALEXANDRIA, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

- 1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)).
- 2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application, after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(1)).

b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)).

c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and to ensure consideration of the disclosed information.

3. This information disclosure statement is being filed after the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311, or an action which otherwise closes prosecution, whichever occurs first, but on or before payment of the Issue Fee. (37 C.F.R. §1.97(d)).

a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(1)).

b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(2)).

c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.

Respectfully,

By:

Robert T. Canavan, Attorney

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Date: 4/8/04

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2661



APR 12 2004

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in this Submission
9 plus references

Application Number	09/617,083	#
Filing Date	07/14/2000	11
First Named Inventor	Jin-Meng Ho et al.	
Group Art Unit	2661	
Examiner Name	Steven Blount	
Total Number of Pages in this Submission	9 plus references	Attorney Docket Number
		2000-0397

Enclosures (check all that apply)

Fee Transmittal Form
 Fee Attached
 Amendment / Response
 After Final
 Affidavits / Declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Response to Missing Parts under 37 CFR 1.52 or 1.53
 Response to Missing Parts/Incomplete Application

Assignment & Recordation Cover Sheet
 Drawing(s) & Letter to Official Draftsman
 Licensing-related Papers
 Petition to the Commissioner
 Petition to Convert a Provisional Application
 Power of Attorney, Revocation Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund

After Allowance Communication to Group
 Appeal Communications to Board of Appeals and Interferences
 Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Return Receipt Postcard
 CD, Number of CDs
 Additional enclosure(s)
(please identify below)

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copies of 45 cited references

Remarks Reference copies attached:

38 US patent refs
 1 foreign patent ref
 6 non-patent refs

CORRESPONDENCE ADDRESS

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or Correspondence address below

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

NAME	Robert T. Canavan	Reg. #	37592
TELEPHONE	908-707-1568		
SIGNATURE	<i>Robert T. Canavan</i>	DATE	04/08/2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 04/08/2004

Type or Printed Name	Robert T. Canavan		
Signature	<i>Robert T. Canavan</i>	Date	04/08/2004

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMIT PAGE

Patent Fees are subject to annual revision.

Complete / Known

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APR 14 2004

TOTAL AMOUNT
OF PAYMENT

180

APR 12 2004

Application Number	09/617,083
Filing Date	07/14/2000
First Named Inventor	Jin-Meng Ho et al.
Examiner Name	Steven Blount
Group/Art Unit	2661
Attorney Docket No.	2000-0397

Technology Center 2000

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2745
Deposit Account Name AT&T CORP.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance

FEE CALCULATION

1. FILING FEE

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
1001	770	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	
1002	340	Design Filing Fee	
1004	770	Reissue Filing Fee	
1005	160	Provisional Filing Fee	

SUBTOTAL (1)

2. CLAIMS Filing Under 37CFR 1.53 (b)
 CPA Under 37CFR 1.53 (d)
 Amendment

Extra Claims	Fee from below	Fee Paid
Total 12 - 20 =	0 x 18 =	0
Ind. 2 - 3 =	0 x 86 =	0
Multiple Dependent Claims		

Large Fee Code	Entity Fee(\$)	Fee Description
1202	18	Claims in excess of 20
1201	86	Independent Claims in excess of 3
1203	290	Multiple Dependent Claims
1204	86	** Reissue independent claims over original patent
1205	18	** Reissue claims in excess of 20 and over original patent

** or number previously paid, if greater; for Reissues, see above

SUBTOTAL (2)

SUBTOTAL(3) 180

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	
1052	50	Surcharge - late provisional filing fee or cover sheet	
1053	130	Non-English specification	
1812	2520	For filing a request for reexamination	
1804*	920	Requesting publication of SIR prior to Examiner action	
1805*	1840	Requesting publication of SIR after Examiner action	
1251	110	Extension for response within first month	
1252	420	Extension for response within second month	
1253	950	Extension for response within third month	
1254	1480	Extension for response within fourth month	
1255	2010	Extension for response within fifth month	
1401	330	Notice of Appeal	
1402	330	Filing a brief in support of an appeal	
1403	290	Request for oral hearing	
1504	300	Publication fee for early, voluntary, or normal publication	
1452	110	Petition to revive – unavoidable	
1453	1330	Petition to revive – unintentional	
1501	1330	Utility issue fee (or reissue)	
1502	480	Design issue fee	
1460	130	Petitions to the Commissioner (Request to Correct Inventorship) 37 CFR 1.48(a)	
1807	50	Processing fee for provisional applications	
1806	180	Submission of Information Disclosure Statement	180
8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	Request for Continued Examination (RCE)	
1802	900	Request for expedited exam of a design application	

Other fee (specify):

SUBMITTED BY

Typed or
Printed Name

John E. Etchells

Complete (if applicable)

Reg.
Number

Signature

Date

4/8/04

Deposit Account User ID